

Amendments To The Claims:

Please cancel claims 1 and 17 without prejudice.

1. (Canceled)
2. (Currently Amended) The method according to claim 18 wherein said composite
~~Composite material according to claim 1 which~~ additionally contains a silica sol.
3. (Currently Amended) The method according to claim 18 wherein said composite
~~Composite material according to claim 1,~~ is characterised in that: polymerisable organic binder
and filler are in a quantity of 1 to 90 wt. %.
4. (Currently Amended) ~~Composite material~~ The method according to claim 2, characterised
in that the filler contains 50 to 100 wt. % of the filler particles with the shape of a torus.
5. (Currently Amended) ~~Composite material~~ The method according to claim 18 4,
characterised in that the filler contains additional fragment-shaped and/or spherical inorganic filler
particles.
6. (Currently Amended) ~~Composite material~~ The method according to claim 18 4,
characterised in that the filler additionally contains non-torus-shaped filler particles made from
silicon dioxide.

7. (Currently Amended) ~~Composite material~~ The method according to claim 6, characterised in that the non-torus-shaped filler particles are produced from pyrogenic and/or precipitated silicic acid and/or silicon dioxide sols and/or from a dispersion of pyrogenic and/or precipitated silicic acid.

8. (Canceled)

9. (Currently Amended) ~~Composite material~~ The method according to claim 18 ~~4~~, characterised in that the organic binder includes at least one of the following materials: ethylenically unsaturated monomers and oligomers, epoxides, ormocers, ceramers, liquid crystal systems, spiro-orthoesters, oxethane, polyurethane, polyester, A-silicon and C-silicon, polycarbonic acids.

10. (Currently Amended) ~~Composite material~~ The method according to claim 18 ~~4~~, characterised in that the organic binder cures chemically and/or photochemically.

11. (Currently Amended) ~~Composite material~~ The method according to claim 18 ~~4~~, characterised in that the torus-shaped filler particles have an average external diameter in the region of 1 and 50 μm .

12. (Currently Amended) ~~Composite material~~ The method according to claim 18 ~~4~~, characterised in that the torus-shaped filler particles have an internal diameter in the region of 0.2-

20 μm .

13. (Currently Amended) ~~Composite material~~ The method according to claim 12, characterised in that the torus-shaped filler particles have an internal diameter in the region of 0.4-4.0 μm .

14. (Currently Amended) ~~Composite material~~ The method according to claim 18, characterised in that it contains 15-70 wt. % filler with torus-shaped filler particles.

15. (Currently Amended) ~~Composite material~~ The method according to claim 18, characterised in that the filler particles contain silicon dioxide and/or heavy metal oxides with an atomic number of greater than 28.

16. (Currently Amended) ~~Composite material~~ The method according to claim 15, characterised in that the heavy metal oxides are selected from the group of zirconium oxide, cerioxide, tin oxide, zinc oxide, yttrium oxide, strontium oxide, barium oxide, lanthanum oxide, bismuth oxide and compounds thereof.

17. (Canceled)

18. (Previously Presented) A method of filling teeth comprising the steps of:

1) providing polymerisable composite material as a polymerisable organic binder and a filler, characterised in that it contains filler particles obtained by spray drying sols,

post-curing the particles at 800° - 1200°C, deagglomerating agglomerates formed, and silanizing the particles thereafter, which particles have the shape of a torus and an average external diameter in the region of 0.5 µm – 100 µm and;
filling cavities in teeth with the material.

19-20. (Canceled)